

6.0 References

Air

Hardy, Colin; Bunnell, D.L.; Menakis, Jim; Schmidt, Kirsten; Long, Don. 2000. Coarse-Scale Assessments for Wildland Fuel and Management. Fire Modeling Institute, Fire Sciences Lab, USDA Forest Service Rocky Mt. Research Station, Missoula Montana. 10p; Maps, Data.

Cultural Resources

Hollenbeck, Jan L. A Cultural Resource Overview: Prehistory, Ethnography and History, Mt. Baker Snoqualmie National Forest. US Forest Service, 1987.

Indian and Pioneer Settlement of the Nooksack Lowland, Washington to 1890. Occasional Paper #4, Center for Pacific Northwest Studies, Western Washington State College, Bellingham.

Jeffcott, Percival R. Nooksack Tales and Trails. Sedro-Woolley Courier Times, Ferndale, 1949.

Koert, Dorothy and Galen Biery, Looking Back. 2 Volumes (Volume I- 1980, Volume II 1982), Lynden Tribune, Lyndon, 1980 1982.

Luttrell, Charles T. A Preliminary Cultural Resources Evaluation of the Bonneville Power Administration's Proposed Northwest Washington Transmission Line Project, Skagit and Whatcom Counties, Washington. Archaeological and Historical Services, Eastern Washington University.

Onat, Astrida Blukis, Resource Protection Planning Process, Identification of Prehistoric Archaeological Resources in the Northern Puget Sound Study Unit. 1987. An RP3 document prepared for the Washington State Office of Archaeology and Historic Preservation, BOAS Inc., Seattle.

Robinson, Joan M. and Harvey S. Rice. 1992. A Cultural Resource Survey of DNR's Lake Louise Property, Lake Whatcom Vicinity, Whatcom County, Washington. Washington Department of Natural Resources, Olympia.

Earth

American Geological Institute, 1984, *Dictionary of Geological Terms*: Third Edition, Robert L. Bates and Julia A. Jackson, editors, Anchor Books, Doubleday, New York, 571 p.

- Atwater, B.F., 1987, Evidence for Great Holocene Earthquakes along the Outer Coast of Washington State: *Science*, Vol. 236, No. 4804, pp. 942-944.
- International Conference of Building Officials, 1997, Uniform Building Code, pp. 2-34 and 2-41.
- Lapen, T.J., 2000, Geologic Map of the Bellingham 1:100,000 Quadrangle, Washington: Washington Division of Geology and Earth Resources, Open File Report 2000-5, December, 2000.
- Orme, A.R., 1989, The Nature and Rate of Alluvial Fan Aggradation in a Humid Temperate Environment: *Physical Geography*, Volume 10, Number 2, pp. 131-146.
- Rogers, A.M., Walsh, T.J., Kockelman, W.J., and Priest, G.R., 1991, Earthquake Hazards in the Pacific Northwest: An Overview: US Geological Survey Open-File Report 91-441-0, p. 4.
- U.S. Department of Agriculture, Soil Conservation Service, 1992, Soil Survey of Whatcom County Area, Washington: United States Department of Agriculture Soil Conservation Service, in cooperation with Washington State Department of Natural Resources and Washington State University, Agricultural Resource Center, 481 pp.
- U.S. Geological Survey, 2001, National Seismic Hazard Mapping Project:
<http://eqint.cr.usgs.gov/eq/cgi-bin/zipcode.cgi>.
- Varnes, D.J., 1978, Slope Movement and Types and Processes: *In Landslides: Analysis and Control*: Transportation Research Board, National Academy of Sciences, Washington D.D., Special Report 176, Chapter 2.
- Washington State Department of Natural Resources, Northwest Region, 1997, Lake Whatcom Watershed Analysis: Sedro Woolley, Washington, December 16, 1997.
- Whatcom County Planning and Development, 1997, Whatcom County Critical Areas Ordinance, Title 16, Chapter 16.16: Effective date November 3, 1997, pp. 16-17.

Economics

- IPCC. 2000. A special report on land use, land-use change and forestry.
http://www.grida.no/climate/ipcc/land_use/216.htm Intergovernmental Panel on Climate Change.
- Larsen, D.L. In prep. 1998 Washington State mill survey. Department of Natural Resources. Olympia, Washington, USA.
- Perez-Garcia, J., and J. Edelson. 2001. Economic analysis of carbon storage.
Presentation made to: The Workshop on Climate Change, Carbon, and Forestry in

Northwestern North America. November 13-15, 2001. Orcas Island, Washington, USA.

Economics/Trusts

Glass, Bruce. 2002. "Comparison of landscape management alternatives for Lake Whatcom, with specific reference to carbon sequestration, forest product certification, and recreation values." Washington State Department of Natural Resources.

Hulsey, Jack. 2002. "In Search of the Decision Space: Sustainable Forest Management", within "Lake Whatcom Preliminary Draft Sustainable Harvest Model Results." Powerpoint presentation.

Energy & Minerals

Beikman, H, et. al., 1961 Coal reserves of Washington: Washington Division of Geology and Earth Resources Bull. 47.

Derkey, R., et.al., 1990, Metal mines of Washington – Preliminary report: Washington Division of Geology and Earth Resources., Open file report 90-18, 577p

Johnson, Samuel Y., 1991, Sedimentation and tectonic setting of the Chuckanut Formation, northwest Washington: Washington Geology, v. 19, no. 4, p. 12-13.

Johnson, Samuel Y., 1985, Stratigraphy and sedimentology of the Eocene Chuckanut Formation on Bellingham Bay, Washington. IN Tempelman-Kluit, Dirk, editor, Field guides to geology and mineral deposits in the southern Canadian Cordillera: Geological Association of Canada, p. 6-1 - 6-21.

Lapen, T., 2000, Geologic map of the Bellingham 1:100,000 quadrangle, Washington: Washington Division of Geology and Earth Resources. Open file rpt 2000-5

McFarland, C. R., 1983, Oil and Gas Exploration in Washington, 1900-1982: Washington Division of Geology and Earth Resources. Information Circular IC75.

McKay and others, 2001, Directory of Washington Mines, 2001. Washington Division of Geology and Earth Resources Information Circular 94,. 104 p.

Moen, W. S., 1969, Mines and mineral deposits of Whatcom County, Washington: Washington Division of Mines and Geology Bulletin 57, 134 p.,

Pappajohn, S. P., 1991, Coalbed methane potential of Whatcom and Skagit Counties, Washington: Washington Geology, v. 19, no. 4, p. 20-23.

- Pappajohn, S. P.; Mitchell, T. E., 1991, Delineation of prospective coalbed methane trends in western and central Washington State. IN Schwochow, S. D.; Murray, D. K.; Fahy, M. F., editors, Coalbed methane in western North America: Rocky Mountain Association of Geologists, p. 163-178.
- Valentine, Grant M., 1949, Inventory of Washington minerals; Part I--Nonmetallic minerals: Washington Division of Mines and Geology Bulletin 37, Part I, 113 p.
- Vonheeder, E. R., 1975, Coal reserves of Whatcom County, Washington: Washington Division of Geology and Earth Resources Open File Report 75-9, 90 p.
- Vonheeder, E. R., 1977, Strippable and underground coal resources on Washington Department of Natural Resources administered land, Whatcom County, Washington: Washington Division of Geology and Earth Resources Open File Report 77-3, 1 p., 3 plates
- Vonheeder, E. R., 1977, Coal exploration on state-administered lands in Whatcom and Skagit Counties during 1976: Washington Geologic Newsletter, v. 5, no. 1, p. 11-17.
- U.S. Bureau of Mines., 1983, MILS Database
- U.S. Geological Survey, 19-- MERDS Database

Fish

- Beschta, R., et al. 1987. Stream temperature and aquatic habitat: Fisheries and forestry interactions, pages 191-232. In: E. O. Salo and T. W. Cundy (eds.), Streamside Management: Forestry and Fishery Interactions. College of Forest Resources, University of Washington, Seattle.
- Bjornn, T. C., and D. W. Reiser. Habitat requirements of salmonids in streams, pages 83-138. In: W. R. Meehan (ed.), Influences of Forest and Rangeland Management on Salmonid Fishes and Their Habitats. American Fisheries Society Special Publication 19, Bethesda, Maryland.
- Bilby, R. E., and P. A. Bisson. 1992. Allochthonous versus autochthonous organic matter contributions to the trophic support of fish populations in clear-cut and old-growth forested streams. Canadian Journal of Fisheries and Aquatic Sciences 49:540-551.
- Bisson, P. A., et al. 1987. Large woody debris in forested streams in the Pacific Northwest: Past, Present, and Future, pages 143-190. In: E. O. Salo and T. W. Cundy (eds.), Streamside Management: Forestry and Fishery Interactions. College of Forest Resources, University of Washington, Seattle.

- Broderson, J. M. 1973. Sizing buffer strips to maintain water quality M.S.C.E. Thesis, University of Washington, Seattle. 86 p.
- Bustard, D. R. 1973. Some aspects of winter ecology of juvenile salmonids with reference to possible habitat alteration by logging in Carnation Creek, Vancouver Island. Fisheries Research Board of Canada, Manuscript.
- Bustard, D. R., and D. W. Narver. 1975a. Aspects of the winter ecology of juvenile coho salmon and steelhead trout. *Journal of the Fisheries Research Board of Canada* 32:667-680.
- Bustard, D. R., and D. W. Narver. 1975b. Preferences of juvenile coho salmon and cutthroat trout relative to simulated alteration of winter habitat. *Journal of the Fisheries Research Board of Canada* 32:681-687.
- Burner, C. J. 1951. Characteristics of spawning nests of Columbia River salmon. U. S. Fish and Wildlife Service Fishery Bulletin No. 61. Volume 52. Pages 95-110.
- Cederholm, C. J., L. M. Reid, and E. O. Salo. 1981. Cumulative effects of logging road sediment on salmonid populations in the Clearwater River, Jefferson County, Washington, pages 38-74. *Proceedings from the Conference – Salmon-Spawning Gravel: A Renewal Resource in The Pacific Northwest*. State of Washington Water Research Center, Washington State University, Pullman.
- Cederholm, C. J., and L. M. Reid. 1987. Impacts of forest management on coho salmon populations of the Clearwater River, Washington: A project summary, pages 373-399. In: E. O. Salo and T. W. Cundy (eds.), *Streamside Management: Forestry and Fishery Interactions*. College of Forest Resources, University of Washington, Seattle.
- Cederholm, C. J. 1994. A suggested landscape approach for salmon and wildlife habitat protection in western Washington riparian ecosystems, pages 78-90. In: A. B. Carey and C. Elliot (eds.) *Washington Forest Landscape Management Project – Progress Report*. Washington Department of Natural Resources.
- Chamberlin, T. W., R. D. Harr, and F. H. Everest. 1991. Timber harvesting, silviculture, and watershed processes, pages 181-206. In: W. R. Meehan (ed.), *Influences of Forest and Rangeland Management on Salmonid Fishes and Their Habitats*. American Fisheries Society Special Publication 19, Bethesda, Maryland.
- Chesney, C. J. 1982. Mass erosion occurrence and debris torrent impacts on some streams in the Willamette National Forest. M. S. Thesis, Oregon State University, Corvallis. 113 p.

- Conners, M. E., and R. J. Naiman. 1984. Particulate allochthonous inputs: Relationships with stream size in an undisturbed watershed. *Canadian Journal of Fisheries and Aquatic Sciences*. 41:1473-1484.
- Crawford, B. A. 1979. The origin and history of the trout brood stocks of the Washington Department of Game. Washington State Game Department fishery report. 76 p.
- De Lisle, G. E. 1962. Water velocities tolerated by spawning kokanee. *California Fish and Game* 48:77-78.
- Dominguez, L. 1997. Lake Whatcom Watershed Analysis – Fish Habitat Assessment. Washington Department of Natural Resources, Olympia.
- Duncan, S. H., and J. W. Ward. 1985. The influence of watershed geology and forest roads on the composition of salmon spawning gravel. *Northwest Science* 59:204-212.
- Erman, D. C., et al. 1977. Evaluation of streamside bufferstrips for protecting aquatic organisms. University of California, California Water Resources Center, Davis, CA. Contribution No. 165. 48 p.
- Emmett, R. L., et al. 1991. Distribution and abundance of fishes and invertebrates in West Coast estuaries – species life history summaries. U. S. Department of Commerce, National Oceanic and Atmospheric Administration, National Ocean Service, Rockville, MD. Estuarine Living Marine Resources Program ELMR report no. 8, v. 2, 329 p.
- Everest, F. H. 1987. Fine sediment and salmonid production: A paradox, pages 98-142. In: E. O. Salo and T. W. Cundy (eds.), *Streamside Management: Forestry and Fishery Interactions*. College of Forest Resources, University of Washington, Seattle.
- Forest Ecosystem Management Assessment Team. 1993. Forest ecosystem management: An ecological, economic, and social assessment. Report of the Forest Ecosystem Management Team. U. S. Department of Commerce; U. S. Department of Interior; and U. S. Environmental Protection Agency, Washington, D. C.
- Foote, C. J. 1990. An experimental comparison of male and female spawning territoriality in a pacific salmon. *Behavior* 115:3-4.
- Furniss, M. J., T. D. Roelefs, and C. S. Yee. 1991. Road construction and maintenance, pages 297-323. In: E. O. Salo and T. W. Cundy (eds.), *Streamside Management: Forestry and Fishery Interactions*. College of Forest Resources, University of Washington, Seattle.

- Garrett, A. M. 1999. Interstream movements of coastal cutthroat trout in the Clearwater River, Jefferson County, Washington. Master of Environmental Studies Thesis, The Evergreen State College, Olympia, WA. 212 p.
- Gregory, S. V., et al. 1987. Influence of forest practices on aquatic production, pages 233-256. In: E. O. Salo and T. W. Cundy (eds.), *Streamside Management: Forestry and Fishery Interactions*. College of Forest Resources, University of Washington, Seattle.
- Grette, G. B. 1985. The role of large organic debris in juvenile salmonid rearing habitat in small streams. M. S. Thesis, University of Washington School of Fisheries, Seattle. 105 p.
- Gratowiski, H. J. 1956. Windthrow around staggered settings in old-growth Douglas-fir. *Forest Science* 2:60-74.
- Groot, C., and L. Margolis. 1991. *Pacific salmon lifehistories*. University of British Columbia Press. Vancouver, B. C. 564 p.
- Hall, J. D., G. W. Brown, and R. L. Lantz. 1987. The Alsea Watershed Study: A retrospective, pages 399-416. In: E. O. Salo and T. W. Cundy (eds.), *Streamside Management: Forestry and Fishery Interactions*. College of Forest Resources, University of Washington, Seattle.
- Hartman, G. F., and J. C. Scrivener. 1990. Impacts of forest practices on a coastal stream ecosystem, Carnation Creek, British Columbia. *Canadian Bulletin of Fisheries and Aquatic Sciences* 223. 148 p.
- Heede, B. 1972. Flow and channel characteristics of two high mountain streams. USDA Forest Service Research Paper RM-96, 1 p. Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colo.
- Heggenes, J., T. G. Northcote, and A. Peter. 1991a. Spatial stability of cutthroat trout in a small, coastal stream. *Canadian Journal of Fisheries and Aquatic Sciences* 48:757-762.
- Heggenes, J., T. G. Northcote, and A. Peter. 1991b. Seasonal habitat selection and preferences by cutthroat trout in a small, coastal stream. *Canadian Journal of Fisheries and Aquatic Sciences* 48:1364-1370.
- Hunter, J. W. 1973. A discussion of game fish in the state of Washington as related to water requirements. Washington State Department of Game, Olympia.

- June, J. A. 1981. Life history and habitat utilization of cutthroat trout in a headwater stream on the Olympic Peninsula, Washington. M. S. Thesis, University of Washington School of Fisheries. Seattle. 116.
- Lestelle, L. C. 1978. The effects of forest debris removal on a population of resident cutthroat trout in a small headwater stream. M. S. Thesis, University of Washington School of Fisheries. Seattle. 86 p.
- Liknes, G. A., and P. J. Graham. 1988. Westslope cutthroat trout in Montana: Life history, status, and management. American Fisheries Society Symposium 4:53-60.
- Looff, A. 1994. Lake Whatcom kokanee management history and evaluation of recent population declines. M. S. Thesis College of Forest Resources, University of Washington, Seattle.
- Lorz, H. W., and T. G. Northcote. 1965. Factors affecting stream location , and timing and intensity of entry by spawning kokanee into an inlet of Nicola Lake, British Columbia. Journal of the Fisheries Research Board of Canada 22:665-687.
- Lynch, J. A., E. S. Corbett, and K. Mussallem. 1985. Best management practices for controlling nonpoint-source pollution on forested watersheds. Journal of Soil and Water Conservation. 40: 164-167.
- Marston, R. A. 1982. The geomorphic significance of log steps in forest streams. Annals of the Association of American Geographers 72: 99-108.
- Maser et al. 1988. From the forest to the sea: A story of fallen trees. U. S. Forest Service General Technical Report PNW-229.
- Miller, R. B. 1954. Movements of cutthroat trout after different periods of retention upstream and downstream from their homes. Journal of the Fisheries Research Board of Canada. 11: 550-558.
- Miller, R. B. 1957. Permanence and size of home territory in stream-dwelling cutthroat trout. Journal of the Fisheries Research Board of Canada.. 14:687-691.
- Moore, K. M., and S. V. Gregory. 1988a. Response of young-of-the-year cutthroat trout to manipulation of habitat structure in a small stream. Transactions of the American Fisheries Society 117:162-170.
- Moring, J. R. 1982. Decrease in stream gravel permeability after clear-cut logging: An indication of intragravel conditions for developing salmonid eggs and alevins. Hydrobiologia 88:295-298.

- Murphy, L. M. , and K V. Koski. 1989. Input and depletion of woody debris in Alaska streams and implications for streamside management. *North American Journal of Fisheries Management*. 9:427-436.
- Naiman, R. J. et al. 1992. Fundamental elements of ecologically healthy watersheds in the Pacific Northwest coastal ecoregion. In: R. J. Naiman (ed.). *Watershed management balancing sustainability and environmental change*. Springer-Verlag, New York, NY. P. 127-188.
- Osborn, J. G. 1981. The effects of logging on cutthroat trout in small headwater streams. M. S. Thesis, University of Washington, School of Fisheries. 89 p.
- Peterson, N. P. 1982a. Immigration of juvenile coho salmon into reiverine ponds. *Can. J. Fish. Aquat. Sci.* 39:1308-1310.
- Peterson, N. P. 1982b. Population characteristics of Juvenile coho salmon overwintering in riverine ponds. *Can. J. Fish. Aquat. Sci.* 39:1303-1307.
- Peterson, N. P., and L. M. Reid. 1984. Wall-base channels: Their evolution, distribution, and use by juvenile coho salmon in the Clearwater River, Washington, pages 215-226. In: J. M. Walton and D. B. Houston (eds.). *Proceedings of the Olympia Wild Fish Conference*. Held March 23-25, 1983. Fisheries Technology Program, Peninsula College, and Olympic National Park, Port Angeles.
- Platts, W. S., and M. L. McHenry. 1988. Density and biomass of trout and char in western streams. U. S. Forest Service General Technical Report INT-241.
- Potts, D. P., and B. K. M. Anderson. 1990. Organic debris and the management of small stream channels. *Western Journal of Applied Forestry* 5(1) 25-28.
- Reid, L. M. 1981. Sediment production from gravel-surfaced forest roads, Clearwater Basin, Washington. M. S. Thesis, Department of Geological Sciences. University of Washington, Seattle. 350 p.
- Richardson, J. S. 1992. Coarse particulate detritus dynamics in small, montane streams of southwestern British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences*. 49: 337-346.
- Ricker, W. E. 1940. On the origin of Kokanee, a freshwater type of sockeye salmon. *Transactions of the American Fisheries Society* 121:178-191.
- Rieman, B. E., and D. L. Myers. 1992. Influence of fish density and relative productivity on growth of kokanee in ten oligotrophic lakes and reservoirs in Idaho. *Transactions of the American Fisheries Society* 121:178-191.

- Robison, E. G., and R. L. Beschta. 1990. Identifying trees in riparian areas that can provide coarse woody debris to streams. *Forest Science*. 36:790-801.
- Schuett-Hames, D. E. 1996. Effects of scour and fill on salmonid incubation habitat in Kennedy Creek, a low-gradient alluvial channel in Mason and Thurston Counties, Washington. *Master of Environmental Studies*. The Evergreen State College, Olympia.. 58 p.
- Sidle, R. C., A. J. Pearce, and C. L. O'Loughlin. 1985. Effects of land management on soil mass movement, pages 73-88. In: R. C. Sidle, A. J. Pearce, and C. L. O'Loughlin (eds.). *Hillslope stability and land use*. American Geophysical Union, Washington D. C. *Water Resources Monograph* 11.
- Smith, A. K. 1973. Development and application of spawning velocity and depth criteria for Oregon salmonids. *Transactions of the American Fisheries Society* 102: 312-316.
- Steinblums, I. J., H. A. Froehlich, and J. K. Lyons. 1984. Designing stable buffer strips for stream protection. *Journal of Forestry*. 82: 49-52.
- Swanson, F. J., and C. T. Dyrness. 1975. Impact of clear-cutting and road construction on soil erosion by landsliding in the western Cascade Range, Oregon. *Geology* 3: 393-396.
- Swanson, F. J., et al.. 1987. Mass failures and other processes of sediment production in Pacific Northwest forest landscapes. In: E. O. Salo and T. W. Cundy (eds.), *Streamside Management: Forestry and Fishery Interactions*. College of Forest Resources, University of Washington, Seattle.
- Swanston, D. N. 1991. Natural process, p. 139-179. In: W. R. Meehan (ed). *Influences of Forest and Rangeland Management on Salmonid Fishes and Their Habitats*. American Fisheries Society Special Publication 19, Bethesda, Maryland.
- Thurrow, R. F., and J. G. King. 1994. Attributes of Yellowstone cutthroat trout redds in a tributary of the Snake River, Idaho. *Transactions of the American Fisheries Society*. 123:37-50.
- U. R. S. Engineers. 1985. Lake Whatcom water quality protection study – technical memorandum No. 2. Whatcom County, WA.
- Van Sickle, J., and S. V. Gregory. 1990. Modeling inputs of large woody debris to streams from falling trees. *Canadian Journal of Forest Research*. 20:1593-1601.
- Varley, J. D., and R. E. Gresswell. 1988. Ecology, status, and management of the Yellowstone cutthroat trout. *American Fisheries Society Symposium* 4:93-106.

Washington Forest Practices Board. 1994. Board Manual: Standard Methodology for Conducting Watershed Analysis. Washington State Department of Natural Resources, Olympia.

Washington State Game Commission. 1947. Pages 32-33. In: Fisheries Biological Progress Report – April 1946-April 1947. Washington State Printing Plant, Olympia.

Wu, T. H., and D. N. Swanston. 1980. Risk of landslides in shallow soils and its relation to clearcutting in southeastern Alaska. *Forest Science* 26: 495-510.

Forest Health

Washington Department of Natural Resources. 1992. Final forest resource plan. Washington Department of Natural Resources, Olympia.

Washington Department of Natural Resources. 1997b. Final Habitat Conservation Plan. Washington Department of Natural Resources, Olympia.

Jack Hulsey: Lake Whatcom Preliminary Draft Sustainable Harvest Model Results. Washington State Department of Natural Resources. April 8, 2002.

Healthy Forests for America's Future A Strategic Plan. USDA Forest Service. MP-1513. April, 1993.

Forest Vegetation

Bigley, R.E. and S.W. Hull. 2000. Recognizing Wetlands and Wetland Indicator Plants on Forest Lands In Washington. Washington Department of Natural Resources, Olympia, Washington

Carey, A.B.; C. Elliot; B.R Lippke [and others]. 1996. A pragmatic, ecological approach to small-landscape management, Washington landscape management project. Washington Department of Natural Resources, Olympia, Washington

Franklin, J.F.; C.T. Dryness, 1973. Natural Vegetation of Oregon and Washington. Gen. Tech. Rep. PNW-8. Portland, OR. U.S. Department of Agriculture, Forest Service, Pacific Northwest Range and Experiment Station. 417p.

Franklin, J.F.; D.R Berg.; D.A Thornburgh.; J.C. Tappeiner. 1997. Alternative silvicultural approaches to timber harvesting: variable retention systems. In: Kohm, K.A., J.F. Franklin, eds. *Creating a forestry for the 21st century : the science of ecosystem management*. Washington D.C. Island Press

Hayes, J. 2001. Wood Legacies in Managed Forests. In: Johnson, D.H. and T. O'Neil, managing directors. Wildlife-habitat relationships in Oregon and Washington. Oregon State University Press, Corvallis, Oregon.

Rose, C.L.; B. Marcot; T.K. Mellen; J.L. Ohmann [and others] 2001. In: Johnson, D.H. and O'Neil, managing directors. Wildlife-habitat relationships in Oregon and Washington. Oregon State University Press, Corvallis, Oregon.

Public Services & Utilities (fire, police, schools, communication, other gov't)/Anne S.

Whatcom County Council Ordinance #2002-036.

Rare plants

Pederson, O, K . Sand-Jensen, and N.P. Revsbech. 1995. Diel pulses of O₂ and CO₂ in sandy sediments inhabited by *Lobelia Dortmanna*. *Ecology* 76:1536-1545.

Silviculture

Williamson, Richard L., and Asa D. Twombly. Pacific Douglas-Fir, *In* Burns, Russell M., technical compiler. Silvicultural systems for the major forest types of the United States. Agriculture Handbook 445. Washington, DC: U.D. Department of Agriculture Forest Service, 1983, pp. 9-11.

Smith, D. M. 1986. The practice of silviculture. John Wiley & Sons, Inc., New York, 527 pp.

Brandeis, Thomas J., Michael Newton, and Elizabeth C. Cole. 2000. Underplanted conifer seedling survival and growth in thinned Douglas-fir stands. *Canadian Journal of Forest Research* 31: 302-310.

Franklin, J.F., D.R. Berg, D.A. Thornburgh, and J.C. Tappeiner. 1997. Alternative silvicultural approaches to timber harvesting: variable retention harvest systems. Chapter 7 *In* K.A. Kohm and J.F. Franklin (Eds.) *Creating a forestry for the 21st century: the science of ecosystem management*. pp. 111-138.

Forest Resource Plan. Washington State Department of Natural Resources. 1992.

Transportation

Washington Department of Natural Resources. 1997b. Final Habitat Conservation Plan. Washington Department of Natural Resources, Olympia.

Washington Forest Practices Board. 2001. Washington forest practices rules, board manual, and forest practices act. Washington Department of Natural Resources, Forest Practices Division, Olympia.

Visual

“Visual Impacts Assessment,” Tom Murley, Washington State Department of Natural Resources, May 31, 2001.

Water Quality

Anderson, H. W., M. D. Hoover, and K. G. Reinhart. 1976. Forests and water: effects of forest management on floods, sedimentation, and water supply. U. S. Department of Agriculture, Forest Service, Pacific Southwest Forest and Range Experiment Station. General Technical Report PSW-18/1976. Berkeley, CA.

Dissmeyer, G. E. 2000. Drinking water from forests and grasslands – a synthesis of the scientific literature. U. S. Department of Agriculture, Forest Service, Southern Research Station. Gen. Tech. Rpt. SRS-39. 246 p.

Fowells, H. A. 1965. Silvics of forest trees of the United States. Agriculture Handbook No. 271. U. S. Department of Agriculture, Forest Service, Washington D. C.

Grizzel, J. 2001. Forest Practices and their effects on water resources in the Lake Whatcom watershed: a review of existing information. Prepared for Lake Whatcom Planning Team. Washington Department of Natural Resources, Northwest Region, Sedro Woolley.

Harr, R. D., W. C. Harper, J. T. Krygier, and F. S. Hsieh. 1975. Changes in storm hydrographs after road building and clear-cutting in the Oregon coast range. Water Resources Research, 11(3), p. 436-444.

Hudson, R. 2000. Snowpack recovery in regenerating coastal British Columbia clearcuts. Canadian Journal of Forest Research, v. 30, p. 548-556.

Matthews, R. A., M. Hilles, J. Vandersypen, R. J. Mitchell, and G. B. Matthews. 2002. Lake Whatcom monitoring project, 2000/2001 final report. Prepared for City of Bellingham, Public Works Department, Bellingham, WA. 413p.

Rothacher, J. 1973. Does harvest in west slope Douglas-fir increase peak flow in small forest streams? U. S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. Research Paper PNW-163. Portland, OR.

Ryan, J. A. 1984. Data analysis of the Lake Whatcom fertilization project. FLMD Contribution No. 315. Washington Department of Natural Resources, Forest Land Management Division, Olympia.

- Walker, S., R. Matthews and G. Matthews. 1992. Lake Whatcom watershed storm water runoff monitoring project, final report. Prepared for the City of Bellingham, Public Works Department, Bellingham, WA.
- Washington Department of Natural Resources. 1992. Final forest resource plan. Washington Department of Natural Resources, Olympia.
- Washington Department of Natural Resources. 1997a. Lake Whatcom Watershed Analysis. Washington Department of Natural Resources, Northwest Region, Sedro Woolley.
- Washington Department of Natural Resources. 1997b. Final Habitat Conservation Plan. Washington Department of Natural Resources, Olympia.
- Washington Forest Practices Board. 1997. Washington forest practices: Board manual, standard methodology for conducting watershed analysis under chapter 222-22 WAC, version 4.0. Washington Department of Natural Resources, Forest Practices Division, Olympia.
- Washington Forest Practices Board. 2001. Washington forest practices rules, board manual, and forest practices act. Washington Department of Natural Resources, Forest Practices Division, Olympia.
- Water Source Protection Plan. 2000. City of Bellingham, Public Works Department, Bellingham, WA.

Wildlife

- Brown, E.R., ed. 1985. Management of wildlife and fish habitats in forests of western Oregon and Washington. U.S. Department of Agriculture, Forest Service, Pacific Northwest Region, Portland. 2 v.
- Corn, S.P. and B.R. Bury. 1989. Logging in western Oregon: responses of headwater habitats and stream amphibians. *Forest Ecology and Management*, v.29, p. 39-57.
- Jackson, R.C. 2002. Progress Report: Recovery of amphibian and invertebrate communities in recently logged coastal range headwater streams (draft).
- Jackson, R.C., C. Sturm, and J. Ward. 2001. Timber harvest impacts on small headwater stream channels in the coast ranges of Washington (draft).
- Kauffman, J.B., M. Mahrt, L.A. Mahrt, and W.D. edge. 2001. Wildlife of riparian habitats. In: D.H. Johnson and T.A. O'Neil, managing directors. *Wildlife-habitat relationships in Oregon and Washington*. Oregon State University Press, Corvallis, Oregon.

- Lundquist, R.W., and L.L. Hicks. 1995. Development of a wildlife habitat relationships Matrix for the Plum Creek Cascades Habitat Conservation Plan. Technical report No. 9, Seattle, WA.
- Mader, H.J., C. Schott, and P. Knornacker. 1990. Linear barriers to movements in the Landscape. *Biological Conservation*, v. 54, p. 209-222.
- O'Connell, M.A., J.G. Hallett, and S.D. West. 1993. Wildlife use of riparian habitats: a literature review. TFW-WLI-93-001. Timber, Fish and Wildlife Program, DNR, Olympia, Washington. 162 pp.
- Thomas, J.W., ed. 1979. Wildlife habitat in managed forests: the Blue Mountains of Oregon and Washington. U.S. Department of the Interior, Bureau of Land Management, Wildlife Management Institute, Washington, D.C. Agriculture Handbook, no. 553, 512 p.